



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Potential Municipal Water Well at Maple Street Square Firehouse Site, Southeast Corner of Lodi Avenue and Sacramento Street

MEETING DATE: March 18, 1998

PREPARED BY: Public Works Director

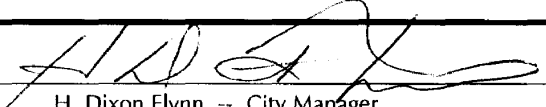
RECOMMENDED ACTION: That the City Council approve the drilling of a test well at the Maple Street Square Firehouse site, southeast corner of Lodi Avenue and Sacramento Street, to determine suitability for locating a municipal water well at the site, and appropriate the necessary funds.

BACKGROUND INFORMATION: Water Wells 1, 2, 3 and 4 are located in the core Downtown area. These wells range from 50 to 70 years in age. All of these wells have experienced problems such as cave-ins, collapsed casings and water quality problems that limit their usage as municipal wells. Well 1 has been abandoned, and a replacement was drilled at Firehouse No. 2. Firehouse No. 2 is near the freeway on Lodi Avenue and out of the Downtown core area. Well 2 is still in service but has experienced water quality problems and cave-ins recently that may limit its future use. Well 3 is out of service for water quality problems, but it has not been completely abandoned. Technically, it has been replaced by a well at Hutchins Street Square. Well 4 is out of service for water quality and sanding problems, and technically, it has been replaced by a well on Thurman Street. Thurman Street is east of the freeway and out of the Downtown core area. All these wells are past their expected lifetime of 40 to 50 years. Rehabilitating or repairing these old wells is a band-aid effort, at best, and often only buys a few years of service at a very high cost. Replacing these problem wells is the preferred engineering option, and the Maple Street Square Firehouse site appears a viable option for the Downtown water supply and pressure needs.

Present Use of the Maple Street Square Site: This site is a 150-foot by 160-foot lot, roughly ½ acre, fronting Lodi Avenue on the north, Sacramento Street on the west, the Southern Pacific Rail Line on the east, and a single-family residence on the south (see attached aerial photo). The site is owned by the City. It is a former firehouse, but it is much too small for current equipment and staffing. The site has a 1,500 square foot, older, brick building located in the northwest corner of the lot. Other than the building and some trees, the site is unimproved. This building is currently being used by an Alcoholics Anonymous group, as a drop-in center.

The test well will provide water samples and water quality information, including DBCP and other contaminants. Other information from the test well will provide design criteria for construction of a municipal production water well.

APPROVED: _____


H. Dixon Flynn -- City Manager

Potential Municipal Water Well at Maple Street Square Firehouse Site, Southeast Corner of Lodi Avenue and Sacramento Street

March 18, 1998

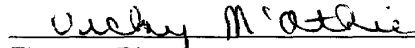
Page 2

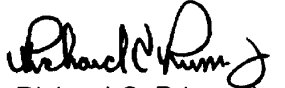
This site is specifically mentioned in the DBCP settlement agreement as Well 29, and the majority of the DBCP treatment costs, if required, will be covered by the settlement.

Drilling a test well will not significantly interfere with the use of the site, as it would be located in the southeast corner of the site, just at the edge of the parking area. A permanent municipal well could be located without major impact to the tenant's usage of the property.

FUNDING: Funding is included in the 1997/1998 Budget.
Project Estimate (this phase): \$20,000 (Water Capital Fund, 18.1)

Funding Available:


Finance Director

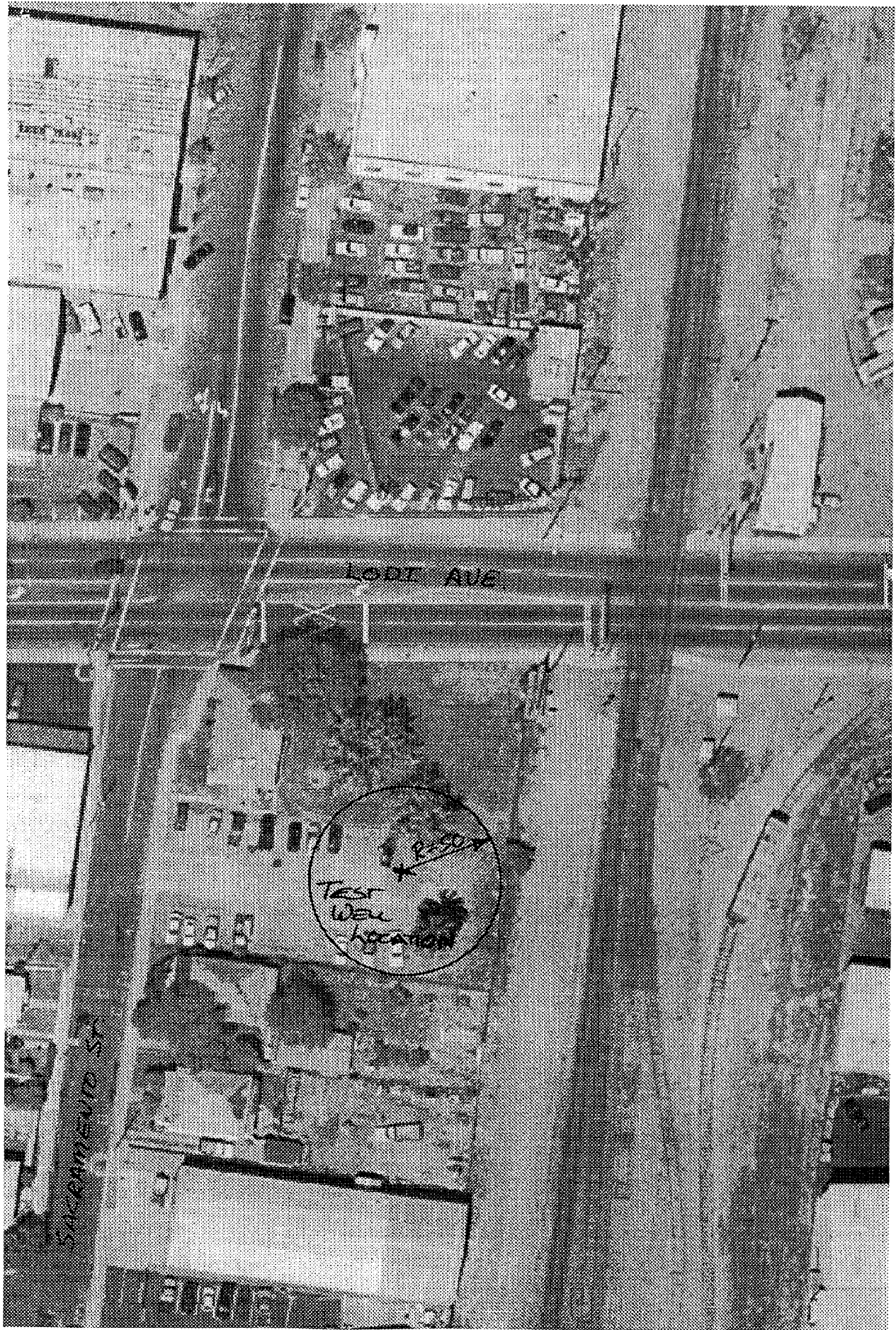

Richard C. Prima, Jr.
Public Works Director

Prepared by Mark Lindseth, Associate Civil Engineer

RCP/ML/pmf

Attachment

cc: Water/Wastewater Superintendent



OLD FIREHOUSE SITE
LODI AVE @ SACRAMENTO ST.